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OM protein - protein search, using SW model

Run on: August 26, 2003, 06:45:02 ; Search time 367 Seconds
(without alignments)
40.316 Million cell updates/sec

Title: US-09-912-741B-2
Perfect score: 81
Sequence: 1 NNQKIVLKEKVAQLDEA 17

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 5580241 seqs, 870357830 residues

Total number of hits satisfying chosen parameters: 756174

Minimum DB seq length: 0
Maximum DB seq length: 17

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Pending_Patents_AA_Main:*
1: /cgn2_6/ptodata/1/paa/US06_COMB.pep.*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	81	100.0	17	24	US-09-912-740A-2
2	81	100.0	17	24	US-09-912-741A-2

3	81	100.0	17	24	US-09-912-741B-2	Sequence 2, Appli
4	38	46.9	13	21	US-09-711-161-188	Sequence 188, App
5	37	45.7	13	21	US-09-711-161-256	Sequence 256, App
6	35	43.2	13	21	US-09-711-161-116	Sequence 116, App
7	35	43.2	13	21	US-09-711-161-161	Sequence 161, App
8	35	43.2	13	21	US-09-711-161-189	Sequence 189, App
9	35	43.2	13	21	US-09-711-161-218	Sequence 218, App
10	34	42.0	13	21	US-09-711-161-110	Sequence 110, App
11	34	42.0	13	21	US-09-711-161-157	Sequence 157, App
12	34	42.0	13	21	US-09-711-161-182	Sequence 182, App
13	34	42.0	13	21	US-09-711-161-260	Sequence 260, App
14	34	42.0	14	15	US-09-165-878-24	Sequence 24, Appli
15	33	40.7	13	21	US-09-711-161-209	Sequence 209, App
16	33	40.7	13	21	US-09-711-161-252	Sequence 252, App
17	33	40.7	14	15	US-09-165-878-61	Sequence 61, Appli
18	33	40.7	17	26	US-10-099-056-2366	Sequence 2366, Ap
19	32	39.5	13	21	US-09-711-161-121	Sequence 121, App
20	32	39.5	13	21	US-09-711-161-159	Sequence 159, App
21	32	39.5	13	21	US-09-711-161-192	Sequence 192, App
22	32	39.5	13	21	US-09-711-161-223	Sequence 223, App
23	32	39.5	13	21	US-09-711-161-255	Sequence 255, App
24	32	39.5	13	21	US-09-711-161-272	Sequence 272, App
25	32	39.5	13	21	US-09-711-161-275	Sequence 275, App
26	32	39.5	14	15	US-09-165-878-25	Sequence 25, Appli
27	31	38.3	9	24	US-09-942-052-112	Sequence 112, App
28	31	38.3	9	24	US-09-942-052-223	Sequence 223, App
29	31	38.3	9	24	US-09-942-052-328	Sequence 328, App
30	31	38.3	9	24	US-09-942-052-426	Sequence 426, App
31	31	38.3	9	24	US-09-942-052-543	Sequence 543, App
32	31	38.3	9	24	US-09-942-052-623	Sequence 623, App
33	31	38.3	9	24	US-09-942-052A-112	Sequence 112, App
34	31	38.3	9	24	US-09-942-052A-223	Sequence 223, App
35	31	38.3	9	24	US-09-942-052A-328	Sequence 328, App
36	31	38.3	9	24	US-09-942-052A-426	Sequence 426, App
37	31	38.3	9	24	US-09-942-052A-543	Sequence 543, App
38	31	38.3	9	24	US-09-942-052A-623	Sequence 623, App
39	31	38.3	10	24	US-09-942-052-153	Sequence 153, App
40	31	38.3	10	24	US-09-942-052-289	Sequence 289, App
41	31	38.3	10	24	US-09-942-052-290	Sequence 290, App
42	31	38.3	10	24	US-09-942-052-370	Sequence 370, App
43	31	38.3	10	24	US-09-942-052-391	Sequence 391, App
44	31	38.3	10	24	US-09-942-052-691	Sequence 691, App
45	31	38.3	10	24	US-09-942-052A-153	Sequence 153, App

ALIGNMENTS

RESULT 1
US-09-912-740A-2
Sequence 2, Application US/09912740A
GENERAL INFORMATION:
APPLICANT: Altieri, Dario C
APPLICANT: Langui, Lucia R
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITING
TITLE OF INVENTION: ENDOTHELIAL CELL AND FIBRINOGEN MEDIATED INFLAMMATION
FILE REFERENCE: 300.111v3
CURRENT APPLICATION NUMBER: US/09/912,740A
CURRENT FILING DATE: 2002-05-07
PRIOR APPLICATION NUMBER: US 09/347,877
PRIOR FILING DATE: 1999-07-06
PRIOR APPLICATION NUMBER: US 08/748,150
PRIOR FILING DATE: 1996-11-12
PRIOR APPLICATION NUMBER: US 08/232,532
PRIOR FILING DATE: 1994-04-25
PRIOR APPLICATION NUMBER: US 08/139,562
PRIOR FILING DATE: 1993-10-19
PRIOR APPLICATION NUMBER: US 07/698,117
PRIOR FILING DATE: 1992-06-12
NUMBER OF SEQ ID NOS: 5
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 2

LENGTH: 17
TYPE: PRT
ORGANISM: Unknown
FEATURE:
OTHER INFORMATION: synthesized
US-09-912-740A-2

Query Match 100.0%; Score 81; DB 24; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.9e-06;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NNOKIVNLEKXVAOLEA 17
DB 1 NNOKIVNLEKXVAOLEA 17

RESULT 2
US-09-912-741A-2

Sequence 2, Application US/09912741A
GENERAL INFORMATION:
APPLICANT: Altieri, Dario C
APPLICANT: Thornton, George B
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITING
FILE REFERENCE: 300.1D1V4
CURRENT APPLICATION NUMBER: US/09/912,741A
PRIOR FILING DATE: 2001-07-24
PRIOR APPLICATION NUMBER: US 09/347,877
PRIOR FILING DATE: 1999-07-06
PRIOR APPLICATION NUMBER: US 08/748,150
PRIOR FILING DATE: 1996-11-12
PRIOR APPLICATION NUMBER: US 08/232,532
PRIOR FILING DATE: 1994-04-25
PRIOR APPLICATION NUMBER: US 08/139,562
PRIOR FILING DATE: 1993-10-19
PRIOR APPLICATION NUMBER: US 07/898,117
PRIOR FILING DATE: 1992-06-12
NUMBER OF SEQ ID NOS: 5
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 2
LENGTH: 17
TYPE: PRT
ORGANISM: Unknown
FEATURE:
OTHER INFORMATION: synthesized
US-09-912-741A-2

Query Match 100.0%; Score 81; DB 24; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.9e-06;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NNOKIVNLEKXVAOLEA 17
DB 1 NNOKIVNLEKXVAOLEA 17

RESULT 3
US-09-912-741B-2

Sequence 2, Application US/09912741B
GENERAL INFORMATION:
APPLICANT: Altieri, Dario C
APPLICANT: Langino, Lucia R
APPLICANT: Thornton, George B
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITING
FILE REFERENCE: 300.1D1V4
CURRENT APPLICATION NUMBER: US/09/912,741B
PRIOR FILING DATE: 2001-07-24
PRIOR APPLICATION NUMBER: US 09/347,877
PRIOR FILING DATE: 1999-07-06
PRIOR APPLICATION NUMBER: US 08/748,150
PRIOR FILING DATE: 1996-11-12

PRIOR APPLICATION NUMBER: US 08/232,532
PRIOR FILING DATE: 1994-04-25
PRIOR APPLICATION NUMBER: US 08/139,562
PRIOR FILING DATE: 1993-10-19
PRIOR APPLICATION NUMBER: US 07/898,117
PRIOR FILING DATE: 1992-06-12
NUMBER OF SEQ ID NOS: 5
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 2
LENGTH: 17
TYPE: PRT
ORGANISM: Unknown
FEATURE:
OTHER INFORMATION: synthesized
US-09-912-741B-2

Query Match 100.0%; Score 81; DB 24; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.9e-06;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NNOKIVNLEKXVAOLEA 17
DB 1 NNOKIVNLEKXVAOLEA 17

RESULT 4
US-09-711-161-188

Sequence 188, Application US/09711161
GENERAL INFORMATION:
APPLICANT: LEHRER, SAMUEL B.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MODIFYING AN IMMUNE
FILE REFERENCE: 55394(45406)
CURRENT APPLICATION NUMBER: US/09/711,161
PRIOR FILING DATE: 2000-11-12
PRIOR APPLICATION NUMBER: 60/165,226
PRIOR FILING DATE: 1999-11-12
NUMBER OF SEQ ID NOS: 840
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 188
LENGTH: 13
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Mutated Pen a
OTHER INFORMATION: 1 positions that reduce or abolish IgE antibody
OTHER INFORMATION: reactivity to epitope 1
US-09-711-161-188

Query Match 46.9%; Score 38; DB 21; Length 13;
Best Local Similarity 58.3%; Pred. No. 39;
Matches 7; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 5 IVNLEKXVAOLE 16
DB 1 VVNLOKKWQOLE 12

RESULT 5
US-09-711-161-256

Sequence 256, Application US/09711161
GENERAL INFORMATION:
APPLICANT: LEHRER, SAMUEL B.
APPLICANT: REESE, GERALD
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MODIFYING AN IMMUNE
FILE REFERENCE: 55394(45406)
CURRENT APPLICATION NUMBER: US/09/711,161
PRIOR FILING DATE: 2000-11-12
PRIOR APPLICATION NUMBER: 60/165,226
PRIOR FILING DATE: 1999-11-12
NUMBER OF SEQ ID NOS: 840

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; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 256
; LENGTH: 13
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Mutated Pen a
; OTHER INFORMATION: 1 positions that reduce or abolish IGE antibody
US-09-711-161-256

Query Match      45.7%; Score 37; DB 21; Length 13;
Best Local Similarity 50.0%; Pred. No. 56;
Matches 6; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY      5 IVNLEKXVAOLE 16
Db      1 VVNLQKRMQOLE 12

RESULT 6
US-09-711-161-116
; Sequence 116, Application US/09711161
; GENERAL INFORMATION:
; APPLICANT: LEHRER, SAMUEL B.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MODIFYING AN IMMUNE
; TITLE OF INVENTION: RESPONSE AGAINST TROPOMYSOSIN
; FILE REFERENCE: 55394(45406)
; CURRENT APPLICATION NUMBER: US/09/711,161
; CURRENT FILING DATE: 2000-11-12
; PRIOR APPLICATION NUMBER: 60/165,226
; PRIOR FILING DATE: 1999-11-12
; NUMBER OF SEQ ID NOS: 840
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 116
; LENGTH: 13
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Mutated Pen a
; OTHER INFORMATION: 1 positions that reduce or abolish IGE antibody
; OTHER INFORMATION: reactivity to epitope 1
US-09-711-161-116

Query Match      43.2%; Score 35; DB 21; Length 13;
Best Local Similarity 50.0%; Pred. No. 1.2e+02;
Matches 6; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY      5 IVNLEKXVAOLE 16
Db      1 VVNLQKRMQOLE 12

RESULT 7
US-09-711-161-161
; Sequence 161, Application US/09711161
; GENERAL INFORMATION:
; APPLICANT: LEHRER, SAMUEL B.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MODIFYING AN IMMUNE
; TITLE OF INVENTION: RESPONSE AGAINST TROPOMYSOSIN
; FILE REFERENCE: 55394(45406)
; CURRENT APPLICATION NUMBER: US/09/711,161
; CURRENT FILING DATE: 2000-11-12
; PRIOR APPLICATION NUMBER: 60/165,226
; PRIOR FILING DATE: 1999-11-12
; NUMBER OF SEQ ID NOS: 840
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 161
; LENGTH: 13
; TYPE: PRT
; ORGANISM: Artificial Sequence
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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Mutated Pen a
; OTHER INFORMATION: 1 positions that reduce or abolish IGE antibody
; OTHER INFORMATION: reactivity to epitope 1
US-09-711-161-161

Query Match      43.2%; Score 35; DB 21; Length 13;
Best Local Similarity 50.0%; Pred. No. 1.2e+02;
Matches 6; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY      5 IVNLEKXVAOLE 16
Db      1 VVNLQKRMQOLE 12

RESULT 8
US-09-711-161-189
; Sequence 189, Application US/09711161
; GENERAL INFORMATION:
; APPLICANT: LEHRER, SAMUEL B.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MODIFYING AN IMMUNE
; TITLE OF INVENTION: RESPONSE AGAINST TROPOMYSOSIN
; FILE REFERENCE: 55394(45406)
; CURRENT APPLICATION NUMBER: US/09/711,161
; CURRENT FILING DATE: 2000-11-12
; PRIOR APPLICATION NUMBER: 60/165,226
; PRIOR FILING DATE: 1999-11-12
; NUMBER OF SEQ ID NOS: 840
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 189
; LENGTH: 13
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Mutated Pen a
; OTHER INFORMATION: 1 positions that reduce or abolish IGE antibody
; OTHER INFORMATION: reactivity to epitope 1
US-09-711-161-189

Query Match      43.2%; Score 35; DB 21; Length 13;
Best Local Similarity 50.0%; Pred. No. 1.2e+02;
Matches 6; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY      5 IVNLEKXVAOLE 16
Db      1 VVNLQKRMQOLE 12

RESULT 9
US-09-711-161-218
; Sequence 218, Application US/09711161
; GENERAL INFORMATION:
; APPLICANT: LEHRER, SAMUEL B.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MODIFYING AN IMMUNE
; TITLE OF INVENTION: RESPONSE AGAINST TROPOMYSOSIN
; FILE REFERENCE: 55394(45406)
; CURRENT APPLICATION NUMBER: US/09/711,161
; CURRENT FILING DATE: 2000-11-12
; PRIOR APPLICATION NUMBER: 60/165,226
; PRIOR FILING DATE: 1999-11-12
; NUMBER OF SEQ ID NOS: 840
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 218
; LENGTH: 13
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Mutated Pen a
; OTHER INFORMATION: 1 positions that reduce or abolish IGE antibody
; OTHER INFORMATION: reactivity to epitope 1
US-09-711-161-218
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Query Match 43.2%; Score 35; DB 21; Length 13;
 Best Local Similarity 50.0%; Pred. No. 1.2e+02;
 Matches 6; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 5 IVNLKEXVAQLE 16
 :|||:||||
 DB 1 VINLQKRMQOLE 12

RESULT 10

US-09-711-161-110
 ; Sequence 110, Application US/09711161
 ; GENERAL INFORMATION:
 ; APPLICANT: LEHRER, SAMUEL B.
 ; APPLICANT: REESE, GERALD
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MODIFYING AN IMMUNE
 ; FILE REFERENCE: 55394(45406)
 ; CURRENT FILING DATE: 2000-11-12
 ; PRIOR APPLICATION NUMBER: 60/165,226
 ; PRIOR FILING DATE: 1998-11-12
 ; NUMBER OF SEQ ID NOS: 840
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 110
 ; LENGTH: 13
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Mutated Pen a
 ; OTHER INFORMATION: 1 positions that reduce or abolish IGE antibody
 US-09-711-161-110

Query Match 42.0%; Score 34; DB 21; Length 13;
 Best Local Similarity 41.7%; Pred. No. 1.7e+02;
 Matches 5; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 5 IVNLKEXVAQLE 16
 :|||:||||
 DB 1 VINLQKRMQOLE 12

RESULT 11

US-09-711-161-182
 ; Sequence 182, Application US/09711161
 ; GENERAL INFORMATION:
 ; APPLICANT: LEHRER, SAMUEL B.
 ; APPLICANT: REESE, GERALD
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MODIFYING AN IMMUNE
 ; FILE REFERENCE: 55394(45406)
 ; CURRENT FILING DATE: 2000-11-12
 ; PRIOR APPLICATION NUMBER: 60/165,226
 ; PRIOR FILING DATE: 1998-11-12
 ; NUMBER OF SEQ ID NOS: 840
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 182
 ; LENGTH: 13
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Mutated Pen a
 ; OTHER INFORMATION: 1 positions that reduce or abolish IGE antibody
 ; OTHER INFORMATION: reactivity to epitope 1
 US-09-711-161-182

Query Match 42.0%; Score 34; DB 21; Length 13;
 Best Local Similarity 50.0%; Pred. No. 1.7e+02;
 Matches 6; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 5 IVNLKEXVAQLE 16
 :|||:||||
 DB 1 VINLQKRMQOLE 12

RESULT 12

US-09-711-161-257
 ; Sequence 257, Application US/09711161
 ; GENERAL INFORMATION:
 ; APPLICANT: LEHRER, SAMUEL B.
 ; APPLICANT: REESE, GERALD
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MODIFYING AN IMMUNE
 ; FILE REFERENCE: 55394(45406)
 ; CURRENT FILING DATE: 2000-11-12
 ; PRIOR APPLICATION NUMBER: 60/165,226
 ; PRIOR FILING DATE: 1998-11-12
 ; NUMBER OF SEQ ID NOS: 840
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 257
 ; LENGTH: 13
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Mutated Pen a
 ; OTHER INFORMATION: 1 positions that reduce or abolish IGE antibody
 ; OTHER INFORMATION: reactivity to epitope 1
 US-09-711-161-257

Query Match 42.0%; Score 34; DB 21; Length 13;
 Best Local Similarity 41.7%; Pred. No. 1.7e+02;
 Matches 5; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 5 IVNLKEXVAQLE 16
 :|||:||||
 DB 1 VINLQKRMQOLE 12

RESULT 13

US-09-711-161-260
 ; Sequence 260, Application US/09711161
 ; GENERAL INFORMATION:
 ; APPLICANT: LEHRER, SAMUEL B.
 ; APPLICANT: REESE, GERALD
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MODIFYING AN IMMUNE
 ; FILE REFERENCE: 55394(45406)
 ; CURRENT FILING DATE: 2000-11-12
 ; PRIOR APPLICATION NUMBER: 60/165,226
 ; PRIOR FILING DATE: 1998-11-12
 ; NUMBER OF SEQ ID NOS: 840
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 260
 ; LENGTH: 13
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Mutated Pen a
 ; OTHER INFORMATION: 1 positions that reduce or abolish IGE antibody
 ; OTHER INFORMATION: reactivity to epitope 1
 US-09-711-161-260

Query Match 42.0%; Score 34; DB 21; Length 13;
 Best Local Similarity 41.7%; Pred. No. 1.7e+02;
 Matches 5; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 5 IVNLKEXVAQLE 16
 :|||:||||
 DB 1 VINLQKRMQOLE 12

RESULT 14
 US-09-165-878-24
 ; Sequence 24, Application US/09165878B
 ; GENERAL INFORMATION:
 ; APPLICANT: Heegaard, Peter Mikael Helweg
 ; TITLE OF INVENTION: Non-Dendritic Backbone Peptide Carrier
 ; FILE REFERENCE: 2316.1009-000
 ; CURRENT APPLICATION NUMBER: US/09/165,878B
 ; CURRENT FILING DATE: 1998-10-02
 ; EARLIER APPLICATION NUMBER: PCT/DK97/00146
 ; EARLIER FILING DATE: 1997-04-03
 ; EARLIER APPLICATION NUMBER: DK 0398/96
 ; EARLIER FILING DATE: 1996-04-03
 ; NUMBER OF SEQ ID NOS: 113
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 24
 ; LENGTH: 14
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Unknown
 US-09-165-878-24

Query Match 42.0%; Score 34; DB 15; Length 14;
 Best Local Similarity 53.8%; Pred. No. 1.9e+02;
 Matches 7; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 5 IVNLEKRVQLEA 17
 : ||: |||
 Db 1 VAKLEAKVAKLEA 13

RESULT 15
 US-09-711-161-209
 ; Sequence 209, Application US/09711161
 ; GENERAL INFORMATION:
 ; APPLICANT: LEHRER, SAMUEL B.
 ; APPLICANT: REESE, GERALD
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MODIFYING AN IMMUNE
 ; FILE REFERENCE: 55394(45406)
 ; CURRENT APPLICATION NUMBER: US/09/711,161
 ; CURRENT FILING DATE: 2000-11-12
 ; PRIOR APPLICATION NUMBER: 60/165,226
 ; PRIOR FILING DATE: 1999-11-12
 ; NUMBER OF SEQ ID NOS: 840
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 209
 ; LENGTH: 13
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Mutated Pen a
 ; OTHER INFORMATION: 1 positions that reduce or abolish Igs antibody
 ; OTHER INFORMATION: reactivity to epitope 1
 US-09-711-161-209

Query Match 40.7%; Score 33; DB 21; Length 13;
 Best Local Similarity 60.0%; Pred. No. 2.5e+02;
 Matches 6; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 7 NLKERVQALE 16
 ||: ||: |||
 Db 3 NLQKKIQALE 12

Search completed: August 26, 2003, 06:54:25
 Job time : 368 secs

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GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.

OM protein - protein search, using sw model

Run on: August 26, 2003, 06:47:13 ; Search time 23 Seconds
(without alignments)
20.102 Million cell updates/sec

Title: US-09-912-741B-2
Perfect score: 81
Sequence: 1 NNKIVLKEKVAQLA 17

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 130441 seqs, 27196460 residues

Total number of hits satisfying chosen parameters: 38808

Minimum DB seq length: 0
Maximum DB seq length: 17

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Pending_Patents_AA_New:*
1: /cgn2_6/ptodata/1/paa/PCT_NEW_COMB.pep:*
2: /cgn2_6/ptodata/1/paa/US06_NEW_COMB.pep:*
3: /cgn2_6/ptodata/1/paa/US07_NEW_COMB.pep:*
4: /cgn2_6/ptodata/1/paa/US08_NEW_COMB.pep:*
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6: /cgn2_6/ptodata/1/paa/US10_NEW_COMB.pep:*
7: /cgn2_6/ptodata/1/paa/US60_NEW_COMB.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	28	34.6	10	6	US-10-462-850-663 Sequence 663, App
2	28	34.6	13	6	US-10-467-209-19 Sequence 19, Appl
3	28	34.6	13	6	US-10-467-209-20 Sequence 20, Appl
4	27	33.3	10	6	US-10-462-850-679 Sequence 679, App
5	27	33.3	13	6	US-10-412-897-13 Sequence 13, Appl
6	26	32.1	13	6	US-10-601-020-3 Sequence 3, Appl
7	26	32.1	14	6	US-10-366-493-23 Sequence 23, Appl
8	26	33.1	17	6	US-10-601-020-5 Sequence 5, Appl
9	26	33.1	17	6	US-10-600-747-6 Sequence 6, Appl
10	25	30.9	13	6	US-10-609-217-36 Sequence 36, Appl
11	25	30.9	13	6	US-10-467-209-18 Sequence 18, Appl
12	25	30.9	17	6	US-09-791-551-17 Sequence 17, Appl
13	24	29.6	10	1	PCT-US03-18561-33 Sequence 33, Appl
14	24	29.6	10	6	US-10-462-850-665 Sequence 665, App
15	24	29.6	15	1	PCT-US02-14753A-813 Sequence 813, App
16	24	29.6	17	6	US-10-388-230-7 Sequence 7, Appl
17	23	28.4	8	6	US-10-624-428-45 Sequence 45, Appl
18	23	28.4	8	6	US-10-182-252A-604 Sequence 204, App
19	23	28.4	9	6	US-10-376-121A-83 Sequence 83, Appl
20	23	28.4	10	5	US-09-390-061D-2188 Sequence 2188, App
21	23	28.4	10	5	US-09-390-061D-2838 Sequence 2838, App
22	23	28.4	11	5	US-09-390-061D-2777 Sequence 2777, App
23	23	28.4	12	6	US-10-601-837-27 Sequence 27, Appl
24	23	28.4	13	6	US-10-467-114-10 Sequence 10, Appl
25	23	28.4	15	5	US-09-390-061D-3310 Sequence 3310, App
26	22.5	27.8	9	5	US-09-390-061D-2182 Sequence 2182, App

27	22.5	27.8	9	5	US-09-390-061D-2832 Sequence 2832, App
28	22.5	27.8	10	5	US-09-390-061D-2798 Sequence 2798, App
29	22.5	27.8	11	5	US-09-390-061D-2183 Sequence 2183, App
30	22.5	27.8	11	5	US-09-390-061D-2833 Sequence 2833, App
31	22.5	27.8	15	5	US-09-390-061D-3483 Sequence 3483, App
32	22	27.2	9	7	US-60-490-788-6 Sequence 6, Appl
33	22	27.2	10	6	US-10-462-850-521 Sequence 521, App
34	22	27.2	12	6	US-10-462-850-928 Sequence 928, App
35	22	27.2	12	6	US-10-624-429-371 Sequence 371, App
36	22	27.2	14	5	US-09-876-773-20 Sequence 20, Appl
37	22	27.2	14	6	US-10-609-217-178 Sequence 178, App
38	22	27.2	15	6	US-10-625-854-142 Sequence 142, App
39	22	27.2	16	5	US-09-723-544-45 Sequence 45, Appl
40	22	27.2	16	5	US-09-723-544-51 Sequence 51, Appl
41	22	27.2	16	6	US-10-372-111-3 Sequence 3, Appl
42	22	27.2	16	6	US-10-372-111-9 Sequence 9, Appl
43	22	27.2	16	6	US-10-621-401-113 Sequence 113, App
44	22	27.2	16	6	US-10-625-854-130 Sequence 130, App
45	22	27.2	16	6	US-10-625-854-143 Sequence 143, App

ALIGNMENTS

RESULT 1
US-10-462-850-663
Sequence 663, Application US/10462850
GENERAL INFORMATION:
APPLICANT: Proteom Ltd
TITLE OF INVENTION: Complementary peptide ligands from the human genome
FILE REFERENCE: Human patent
CURRENT APPLICATION NUMBER: US/10/462,850
CURRENT FILING DATE: 2003-06-17
NUMBER OF SEQ ID NOS: 4203
SOFTWARE: ProFoliant version 1.0
SEQ ID NO 663
LENGTH: 10
TYPE: PRT
ORGANISM: Homo Sapiens
FEATURE:
OTHER INFORMATION: In this patent.
US-10-462-850-663

Query Match 34.6% Score 28; DB 6; Length 10;
Best Local Similarity 71.4%; Pred. No. 1.1e+02;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
Qy 9 KEKVAQL 15
|||:|:
Db 4 KEKIAEL 10
RESULT 2
US-10-467-209-19
Sequence 19, Application US/10467209
GENERAL INFORMATION:
APPLICANT: Carr, Francis J.
APPLICANT: Carter, Graham
APPLICANT: Jones, Tim
APPLICANT: Williams, Stephen
TITLE OF INVENTION: MODIFIED INTERLEUKIN-1 RECEPTOR
TITLE OF INVENTION: ANTAGONIST (IL-1RA) WITH REDUCED IMMUNOGENICITY
FILE REFERENCE: MER-110
CURRENT APPLICATION NUMBER: US/10/467,209
CURRENT FILING DATE: 2003-08-05
PRIOR APPLICATION NUMBER: 01102573.1
PRIOR FILING DATE: 2001-02-06
PRIOR APPLICATION NUMBER: 01103954.2
PRIOR FILING DATE: 2001-02-19
PRIOR APPLICATION NUMBER: PCT/EP02/01170
PRIOR FILING DATE: 2002-02-05
NUMBER OF SEQ ID NOS: 52

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; SOFTWARE: FaastSeq for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 13
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: MHC class II binding epitope of human Iep1n
US-10-467-209-19

Query Match          34.6%; Score 28; DB 6; Length 13;
Best Local Similarity 71.4%; Pred. No. 1.5e+02;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 6 VNLKERV 12
   |||:|
Db 3 VNLKEKI 9

RESULT 3
US-10-467-209-20
; Sequence 20, Application US/10467209
; GENERAL INFORMATION:
; APPLICANT: Carr, Francis J.
; APPLICANT: Carter, Graham
; APPLICANT: Jones, Tim
; APPLICANT: Williams, Stephen
; TITLE OF INVENTION: MODIFIED INTERLEUKIN-1 RECEPTOR
; TITLE OF INVENTION: ANTAGONIST (IL-1RA) WITH REDUCED IMMUNOGENICITY
; FILE REFERENCE: MER-110
; CURRENT APPLICATION NUMBER: US/10/467,209
; CURRENT FILING DATE: 2003-08-05
; PRIOR APPLICATION NUMBER: 01102573.1
; PRIOR FILING DATE: 2001-02-06
; PRIOR APPLICATION NUMBER: 01103954.2
; PRIOR FILING DATE: 2001-02-19
; PRIOR APPLICATION NUMBER: PCT/EP02/01170
; PRIOR FILING DATE: 2002-02-05
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: FaastSeq for Windows Version 4.0
; SEQ ID NO 20
; LENGTH: 13
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: MHC class II binding epitope of human Iep1n
US-10-467-209-20

Query Match          34.6%; Score 28; DB 6; Length 13;
Best Local Similarity 71.4%; Pred. No. 1.5e+02;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 6 VNLKERV 12
   |||:|
Db 1 VNLKEKI 7

RESULT 4
US-10-462-850-679
; Sequence 679, Application US/10462850
; GENERAL INFORMATION:
; APPLICANT: Proteom Ltd
; TITLE OF INVENTION: Complementary peptide ligands from the human genome
; FILE REFERENCE: Human patent
; CURRENT APPLICATION NUMBER: US/10/462,850
; CURRENT FILING DATE: 2003-06-17
; NUMBER OF SEQ ID NOS: 4203
; SOFTWARE: ProPatent version 1.0
; SEQ ID NO 679
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Homo Sapiens
; FEATURE:
; OTHER INFORMATION: sequence located in APOB at 4464-4473 and may interact with Sequ
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; OTHER INFORMATION: in this patent.
US-10-462-850-679

Query Match          33.3%; Score 27; DB 6; Length 10;
Best Local Similarity 62.5%; Pred. No. 1.6e+02;
Matches 5; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 10 EKVAQLSA 17
   |||:|
Db 1 EKIAELSA 8

RESULT 5
US-10-412-897-13
; Sequence 13, Application US/10412897
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES ENCODING THE HUMAN CITRON KINASE
; TITLE OF INVENTION: POLYPEPTIDE, BMSNKC_0020/0021
; FILE REFERENCE: D0193 NP
; CURRENT APPLICATION NUMBER: US/10/412,897
; CURRENT FILING DATE: 2003-04-11
; PRIOR APPLICATION NUMBER: U.S. 60/372,745
; PRIOR FILING DATE: 2002-04-12
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13
; LENGTH: 13
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-412-897-13

Query Match          33.3%; Score 27; DB 6; Length 13;
Best Local Similarity 55.6%; Pred. No. 2.1e+02;
Matches 5; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 1 NNOXIVNLK 9
   |||:|
Db 5 NSNMGNVNAK 13

RESULT 6
US-10-601-020-3
; Sequence 3, Application US/10601020
; GENERAL INFORMATION:
; APPLICANT: Branch, Andrea D.
; APPLICANT: Malewski, Jose L.
; TITLE OF INVENTION: NOVEL HEPATITIS C VIRUS PEPTIDES AND USES THEREOF
; FILE REFERENCE: RII-003CPUSCN
; CURRENT APPLICATION NUMBER: US/10/601,020
; CURRENT FILING DATE: 2003-06-20
; PRIOR APPLICATION NUMBER: US 09/719277
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: US 60/088670
; PRIOR FILING DATE: 1998-06-09
; PRIOR APPLICATION NUMBER: US 60/089138
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: PCT/US99/12929
; PRIOR FILING DATE: 1999-06-09
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 13
; TYPE: PRT
; ORGANISM: Hepatitis C virus
; FEATURE:
; NAME/KEY: Variant
; LOCATION: 8
; OTHER INFORMATION: Xaa = Asn or Lys
; FEATURE:
; NAME/KEY: Variant
; LOCATION: 9
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OTHER INFORMATION: Xaa = Val or Glu
FEATURE:
NAME/KEY: Variant
LOCATION: 13
OTHER INFORMATION: Xaa = Ala or Val
US-10-601-020-3

Query Match 32.1%; Score 26; DB 6; Length 13;
Best Local Similarity 83.3%; Pred. No. 2.9e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 6 VNLEK 11
:|||||
Db 1 LNLEK 6

RESULT 7
US-10-366-493-23
Sequence 23, Application US/10366493
GENERAL INFORMATION:
APPLICANT: Robbins, Paul D.
APPLICANT: Mi, Zhibao
APPLICANT: Glorioso, Joseph C.
APPLICANT: Gambotto, Andrea
APPLICANT: Mail, Jeffrey C.
TITLE OF INVENTION: IDENTIFICATION OF PEPTIDES THAT FACILITATE UPTAKE AND CYTOPLASMIC
TITLE OF INVENTION: OF PROTEINS, DNA AND VIRUSES
FILE REFERENCE: AP32573-A-A-A 072396.0246
CURRENT FILING DATE: 2003-02-12
PRIOR APPLICATION NUMBER: US/10/366,493
PRIOR FILING DATE: 2002-02-13
PRIOR APPLICATION NUMBER: 09/653,182
PRIOR FILING DATE: 2000-08-31
PRIOR APPLICATION NUMBER: 60/188,944
PRIOR FILING DATE: 2000-03-13
PRIOR APPLICATION NUMBER: 60/151,980
PRIOR FILING DATE: 1999-09-01
NUMBER OF SEQ ID NOS: 107
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 23
LENGTH: 14
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antimicrobial apoptotic peptide (KLA)
US-10-366-493-23

Query Match 32.1%; Score 26; DB 6; Length 14;
Best Local Similarity 41.7%; Pred. No. 3.1e+02;
Matches 5; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

OY 4 KIVNLEKVAQL 15
:|:|:|:|:
Db 1 KLAKLAKKLAKL 12

RESULT 8
US-10-601-020-5
Sequence 5, Application US/10601020
GENERAL INFORMATION:
APPLICANT: Branch, Andrea D.
APPLICANT: Walewski, Jose L.
APPLICANT: Stump, Dechard D.
TITLE OF INVENTION: NOVEL HEPATITIS C VIRUS PEPTIDES AND USES THEREOF
FILE REFERENCE: RII-003CPUSN
CURRENT APPLICATION NUMBER: US/10/601,020
CURRENT FILING DATE: 2003-06-20
PRIOR APPLICATION NUMBER: US 09/719277
PRIOR FILING DATE: 2001-04-13
PRIOR APPLICATION NUMBER: US 60/088670

PRIOR FILING DATE: 1998-06-09
PRIOR APPLICATION NUMBER: US 60/089138
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: PCT/US99/12929
PRIOR FILING DATE: 1999-06-09
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 5
LENGTH: 14
TYPE: PRT
ORGANISM: Hepatitis C virus
US-10-601-020-5

Query Match 32.1%; Score 26; DB 6; Length 14;
Best Local Similarity 83.3%; Pred. No. 3.1e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 6 VNLEK 11
:|||||
Db 1 LNLEK 6

RESULT 9
US-10-600-747-6
Sequence 6, Application US/10600747
GENERAL INFORMATION:
APPLICANT: Martin, Michele
APPLICANT: O'Connell, Peter
APPLICANT: Alired, D. Craig
APPLICANT: Clark, Gary
TITLE OF INVENTION: MTAL is a predictive and prognostic factor in human breast cancer
FILE REFERENCE: P02483US1
CURRENT APPLICATION NUMBER: US/10/600,747
CURRENT FILING DATE: 2003-06-20
PRIOR APPLICATION NUMBER: US 60/390,794
PRIOR FILING DATE: 2003-06-21
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn version 3.1
SEQ ID NO 6
LENGTH: 17
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Peptide
US-10-600-747-6

Query Match 32.1%; Score 26; DB 6; Length 17;
Best Local Similarity 45.5%; Pred. No. 3.8e+02;
Matches 5; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

OY 2 NQKIVNLEK 12
:|:|:|:|:
Db 2 NPEWDLPEKL 12

RESULT 10
US-10-609-217-36
Sequence 36, Application US/10609217
GENERAL INFORMATION:
APPLICANT: FEIGER, ULRICH
APPLICANT: LIU, CHUAN-FA
APPLICANT: CHEETHAM, JANET C.
APPLICANT: BOONE, THOMAS CHARLES
TITLE OF INVENTION: MODIFIED PEPTIDES AS THERAPEUTIC AGENTS
FILE REFERENCE: A-527
CURRENT APPLICATION NUMBER: US/10/609,217
CURRENT FILING DATE: 2003-06-27
PRIOR APPLICATION NUMBER: US/09/428,082B
PRIOR FILING DATE: 1999-10-22
PRIOR APPLICATION NUMBER: 60/105,371
PRIOR FILING DATE: 1998-10-23
NUMBER OF SEQ ID NOS: 1133
SOFTWARE: PatentIn version 3.1

SEQ ID NO 36
LENGTH: 10
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: TPO-MIMETIC PEPTIDE
US-10-609-217-36

Query Match
Best Local Similarity 30.9%; Score 25; DB 6; Length 10;
Matches 4; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 8 LKRXVQL 15
Db 3 VKDQIAQL 10

RESULT 11
US-10-467-209-18
Sequence 18, Application US/10467209
GENERAL INFORMATION:
APPLICANT: Carr, Francis J.
APPLICANT: Carter, Graham
APPLICANT: Jones, Tim
APPLICANT: Williams, Stephen
TITLE OF INVENTION: MODIFIED INTERLEUKIN-1 RECEPTOR
TITLE OF INVENTION: ANTAGONIST (IL-1RA) WITH REDUCED IMMUNOGENICITY
FILE REFERENCE: MER-110
CURRENT APPLICATION NUMBER: US/10/467,209
CURRENT FILING DATE: 2003-08-05
PRIOR APPLICATION NUMBER: 01102573.1
PRIOR FILING DATE: 2001-02-06
PRIOR APPLICATION NUMBER: 01103954.2
PRIOR FILING DATE: 2001-02-19
PRIOR APPLICATION NUMBER: PCT/EP02/01170
PRIOR FILING DATE: 2002-02-05
NUMBER OF SEQ ID NOS: 52
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 18
LENGTH: 13
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: MHC class II binding epitope of human leptin
US-10-467-209-18

Query Match
Best Local Similarity 30.9%; Score 25; DB 6; Length 13;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 6 VNLKER 11
Db 8 VNLKER 13

RESULT 12
US-09-791-551-17
Sequence 17, Application US/09791551
GENERAL INFORMATION:
APPLICANT: KLOETZER, WILLIAM S.
APPLICANT: HANNA, NABIL
TITLE OF INVENTION: METHOD FOR PREPARING ANTI-MIF ANTIBODIES
FILE REFERENCE: 037003/0277869
CURRENT APPLICATION NUMBER: US/09/791,551
CURRENT FILING DATE: 2001-02-26
PRIOR APPLICATION NUMBER: 60/185,390
PRIOR FILING DATE: 2000-02-28
PRIOR APPLICATION NUMBER: 60/233,625
PRIOR FILING DATE: 2000-09-16
NUMBER OF SEQ ID NOS: 119
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 17
LENGTH: 17

TYPE: PRT
ORGANISM: Mus sp.
US-09-791-551-17

Query Match
Best Local Similarity 30.9%; Score 25; DB 5; Length 17;
Matches 3; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

Qy 1 NNKIVNLKER 11
Db 3 SSQSLNINOK 13

RESULT 13
PCT-US03-18561-33
Sequence 33, Application PC/TUS0318561
GENERAL INFORMATION:
APPLICANT: New England Medical Center Hospitals, Inc. et al.
TITLE OF INVENTION: Rapid Methods For Assessing Therapeutic
TITLE OF INVENTION: Activity Using Animals Expressing Constitutively Active G
FILE REFERENCE: 00398/517M02
CURRENT APPLICATION NUMBER: PCT/US03/18561
CURRENT FILING DATE: 2003-06-11
PRIOR APPLICATION NUMBER: US 60/388,450
PRIOR FILING DATE: 2002-06-13
NUMBER OF SEQ ID NOS: 87
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 33
LENGTH: 10
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Fragment
PCT-US03-18561-33

Query Match
Best Local Similarity 29.6%; Score 24; DB 1; Length 10;
Matches 4; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 3 OKIVNLKER 11
Db 2 RKLNCCKOK 10

RESULT 14
US-10-462-850-665
Sequence 665, Application US/10462850
GENERAL INFORMATION:
APPLICANT: Proceom Ltd
TITLE OF INVENTION: Complementary peptide ligands from the human genome
FILE REFERENCE: Human patent
CURRENT APPLICATION NUMBER: US/10/462,850
CURRENT FILING DATE: 2003-06-17
NUMBER OF SEQ ID NOS: 4203
SOFTWARE: ProPatent version 1.0
SEQ ID NO 665
LENGTH: 10
TYPE: PRT
ORGANISM: Homo Sapiens
FEATURE:
OTHER INFORMATION: sequence located in APOB at 4459-4468 and may interact with Sequ
US-10-462-850-665

Query Match
Best Local Similarity 29.6%; Score 24; DB 6; Length 10;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 9 KKKVQAQ 14
Db 5 KKKIAE 10

RESULT 15
PCT-US02-14753A-813
; Sequence 813, Application PC/TUS0214753A
; GENERAL INFORMATION:
; APPLICANT: Corixa Corporation
; APPLICANT: Xu, Jiangchun
; APPLICANT: Dillon, Davin C.
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Harlocker, Susan L.
; APPLICANT: Jiang, Yugu
; APPLICANT: Henderson, Robert A.
; APPLICANT: Kalos, Michael D.
; APPLICANT: Fanger, Gary R.
; APPLICANT: Retter, Marc W.
; APPLICANT: Stolk, John A.
; APPLICANT: Day, Craig H.
; APPLICANT: Vedrick, Thomas S.
; APPLICANT: Carter, Darick
; APPLICANT: Li, Samuel X.
; APPLICANT: Wang, Aijun
; APPLICANT: Skelky, Yasir A. W.
; APPLICANT: Hepler, William T.
; APPLICANT: Hural, John
; APPLICANT: McNeill, Patricia D.
; APPLICANT: Houghton, Raymond L.
; APPLICANT: Vinals Y de Bassols, Carlota
; APPLICANT: Foy, Teresa M.
; APPLICANT: Watanabe, Yoshihiro
; APPLICANT: Deng, Ta
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
; FILE REFERENCE: 210121.42725PC
; CURRENT APPLICATION NUMBER: PCT/US02/14753A
; CURRENT FILING DATE: 2002-05-09
; NUMBER OF SEQ ID NOS: 103
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 813
; LENGTH: 15
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US02-14753A-813

Query Match 29.6%; Score 24; DB 1; length 15;
Best Local Similarity 28.6%; Pred. No. 6.5e+02;
Matches 4; Conservative 5; Mismatches 5; Indels 0; Gaps 0;

QY 1 NNQKIVNLEKRYAQ 14
| : : | : :
Db 1 NDLMLIKLDESYSVE 14

Search completed: August 26, 2003, 06:55:57
Job time : 23 secs

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: August 26, 2003, 09:16:09 ; Search time 23 Seconds

(without alignments)
20.102 Million cell updates/sec

Title: US-09-912-741b-2

Percent score: 81

Sequence: 1 NMOKIVLKEKVAQLA 17

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 130441 seqs, 27196460 residues

Total number of hits satisfying chosen parameters: 130441

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	81	100.0	20	6	US-10-608-541-16
2	81	100.0	27	6	US-10-608-541-77
3	81	100.0	179	7	US-60-485-450-1486
4	81	100.0	437	7	US-60-485-450-1487
5	81	100.0	453	7	US-60-485-450-1488
6	46	56.8	1236	7	US-60-490-890-2280
7	44	54.3	105	6	US-10-603-108-2980
8	44	54.3	1290	6	US-10-603-113-20654
9	43	53.1	600	6	US-10-408-765A-1945
10	43	53.1	810	6	US-10-273-573-8412
11	43	53.1	852	6	US-10-286-897-3441
12	43	53.1	852	6	US-10-258-898A-3441
13	43	53.1	872	6	US-10-286-897-3440
14	43	53.1	872	6	US-10-258-898A-3440
15	43	53.1	886	6	US-10-286-897-7012
16	43	53.1	886	6	US-10-286-897-7013
17	43	53.1	886	6	US-10-258-898A-7012
18	43	53.1	886	6	US-10-258-898A-7013
19	43	53.1	974	6	US-10-273-573-8414
20	42	51.9	420	6	US-10-613-520-1865
21	41	50.6	192	6	US-10-617-320-4293
22	41	50.6	944	6	US-10-326-956-1807
23	40	49.4	20	6	US-10-608-541-15
24	40	49.4	27	6	US-10-608-541-76
25	40	49.4	138	6	US-10-286-897-7136
26	40	49.4	138	6	US-10-258-898A-7136

27	40	49.4	347	6	US-10-613-520-1919	Sequence 1919, Ap
28	40	49.4	350	6	US-10-613-520-1652	Sequence 1652, Ap
29	40	49.4	355	6	US-10-286-897-3566	Sequence 3566, Ap
30	40	49.4	365	6	US-10-258-898A-3566	Sequence 3566, Ap
31	40	49.4	421	7	US-60-478-196-3208	Sequence 3208, Ap
32	40	49.4	471	6	US-10-293-244-1690	Sequence 1690, Ap
33	40	49.4	482	6	US-10-293-244-1658	Sequence 1658, Ap
34	39	48.1	203	6	US-10-603-113-15977	Sequence 15977, A
35	39	48.1	386	6	US-10-603-113-21862	Sequence 21862, A
36	39	48.1	429	6	US-10-326-956-1423	Sequence 1423, Ap
37	39	48.1	1080	6	US-10-603-114-6047	Sequence 6047, Ap
38	38	46.9	116	6	US-10-631-402-3213	Sequence 3213, Ap
39	38	46.9	116	6	US-10-631-441-3213	Sequence 3213, Ap
40	38	46.9	192	6	US-10-273-573-10544	Sequence 10544, A
41	38	46.9	215	6	US-10-603-113-26319	Sequence 26319, A
42	38	46.9	417	6	US-10-293-244-1039	Sequence 1039, Ap
43	38	46.9	417	6	US-10-293-244-3007	Sequence 3007, Ap
44	38	46.9	892	6	US-10-374-979-87	Sequence 87, Ap
45	38	46.9	1298	6	US-10-603-108-2334	Sequence 2334, Ap

ALIGNMENTS

```
RESULT 1
US-10-608-541-16
Sequence 16, Application US/10608541
GENERAL INFORMATION:
APPLICANT: Matti Sallberg
TITLE OF INVENTION: LIGAND/RECEPTOR SPECIFICITY EXCHANGERS
FILE REFERENCE: TRIPEP.007CP3C1
CURRENT APPLICATION NUMBER: US/10/608,541
PRIOR FILING DATE: 2003-06-27
PRIOR APPLICATION NUMBER: 09/664,945
PRIOR FILING DATE: 2000-09-19
PRIOR APPLICATION NUMBER: 09/532,106
PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 09/246,258
PRIOR FILING DATE: 1999-02-08
PRIOR APPLICATION NUMBER: 08/737,085
PRIOR FILING DATE: 1996-12-27
PRIOR APPLICATION NUMBER: PCT/SE 95/00468
PRIOR FILING DATE: 1995-04-27
PRIOR APPLICATION NUMBER: SE 9401460
PRIOR FILING DATE: 1994-04-28
NUMBER OF SEQ ID NOS: 105
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 16
LENGTH: 20
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Specificity domain peptide
US-10-608-541-16
Query Match 100.0%; Score 81; DB 6; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.8e-06;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Cy 1 NMOKIVLKEKVAQLA 17
Db 3 NMOKIVLKEKVAQLA 19
RESULT 2
US-10-608-541-77
Sequence 77, Application US/10608541
GENERAL INFORMATION:
APPLICANT: Matti Sallberg
TITLE OF INVENTION: LIGAND/RECEPTOR SPECIFICITY EXCHANGERS
FILE REFERENCE: TRIPEP.007CP3C1
```

```

1 CURRENT APPLICATION NUMBER: US/10/608,541
2 CURRENT FILING DATE: 2003-06-27
3 PRIOR APPLICATION NUMBER: 09/664,945
4 PRIOR FILING DATE: 2000-09-19
5 PRIOR APPLICATION NUMBER: 09/532,106
6 PRIOR FILING DATE: 2000-03-21
7 PRIOR APPLICATION NUMBER: 09/246,258
8 PRIOR FILING DATE: 1999-02-08
9 PRIOR APPLICATION NUMBER: 08/777,085
10 PRIOR FILING DATE: 1996-12-27
11 PRIOR APPLICATION NUMBER: PCT/SE 95/00468
12 PRIOR FILING DATE: 1995-04-27
13 PRIOR APPLICATION NUMBER: SE 9401460
14 PRIOR FILING DATE: 1994-04-28
15 NUMBER OF SEQ ID NOS: 105
16 SOFTWARE: FastSeq for Windows Version 4.0
17 SEQ ID NO 77
18 LENGTH: 27
19 TYPE: PRT
20 ORGANISM: Artificial Sequence
21 FEATURES:
22 OTHER INFORMATION: Ligand/Receptor specificity exchanger peptide
23 US-10-608-541-77

```

Query Match	100.0%	Score 81;	DB 6;	Length 27;
Best Local Similarity	100.0%	Pred. No. 6.5e-06;		
Matches 17; Conservative	0;	Mismatches 0;	Indels 0;	Gaps 0

Qy 1 NNQKI VNLKEKVAQLEA 17
|||
Db 3 NNQKI VNLKEKVAQLEA 19

```

RESULT 3
US-60-485-450-1486
Sequence 1486, Application US/60485450
GENERAL INFORMATION:
APPLICANT: CARGILL, Michele
TITLE OF INVENTION: Genetic Polymorphisms Associated With
TITLE OF INVENTION: RESPONSE TO INTERFERON TREATMENT IN HEPATITIS C
TITLE OF INVENTION: VIRUS-INFECTED SUBJECTS, METHODS OF DETECTION AND USES
FILE REFERENCE: C1001470
CURRENT APPLICATION NUMBER: US/60/485,450
CURRENT FILING DATE: 2003-07-09
NUMBER OF SEQ. ID NOS.: 47859
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 1486
LENGTH: 179
TYPE: PRT
ORGANISM: Homo sapiens
US-60-485-450-1486

```

Query Match	100.0%;	Score 81;	DB 7;	Length 179;
Best Local Similarity	100.0%;	Pred. No. 4.1e-05;		
Matches 17;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0

```
Qy      1 NNQIVNLKEKVAQLEA 17
          |||||
Db      143 NNQIVNLKEKVAQLEA 159
```

```

RESULT 4
US-60-485-450-1487
; Sequence 1487, Application US/60485450
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele.
; APPLICANT: CHANG, Sheng-Yung
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: RESPONSE TO INTERFERON TREATMENT IN HEPATITIS C
; TITLE OF INVENTION: VIRUS-INFECTED SUBJECTS, METHODS OF DETECTION AND USES
; TITLE OF INVENTION: THEREOF

```

```

; FILE REFERENCE: CL001470
; CURRENT APPLICATION NUMBER: US/60/485,450
; CURRENT FILING DATE: 2003-07-09
; NUMBER OF SEQ ID NOS: 47859
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO: 1487
; LENGTH: 437
; TYPE: prt
; ORGANISM: Homo sapiens
US-60-485-450-1487

```

Query Match	100.0%;	Score 81;	DB 7;	Length 437;
Best Local Similarity	100.0%;	Pred. No. 9.9e-05;		
Matches 17; Conservative	0;	Mismatches	0;	Indels 0; Gaps 0;

```
QY      1 NNQIVNLKEKVAQLEA 17
         |||||
Db      143 NNQIVNLKEKVAQLEA 159
```

```

RESULT 5
US-60-485-450-1488
? Sequence 1488, Application US/60485450
? GENERAL INFORMATION:
? APPLICANT: CARGILL, Michele
? APPLICANT: CHANG, Sheng-Yung
? TITLE OF INVENTION: GENETIC POLYMORPHISMS
? TITLE OF INVENTION: RESPONSE TO INTERFER
? TITLE OF INVENTION: VIRUS-INJECTED SUBJE
? TITLE OF INVENTION: THERMOF
? FILE REFERENCE: CL001470
? CURRENT APPLICATION NUMBER: US/60/485,450
? CURRENT FILING DATE: 2003-07-09
? NUMBER OF SEQ ID NOS: 47859
? SOFTWARE: FastSeq for Windows Version 4.0
? SEQ ID NO 1488
? LENGTH: 453
? TYPE: PRT
? ORGANISM: Homo sapiens
US-60-485-450-1488

```

Query Match	100.0%;	Score 81;	DB 7;	Length 453;
Best Local Similarity	100.0%;	Pred. No. 0.0001;		
Matches 17;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

```
QY      1 NNQIVNLKEKVAQLEA 17
        |||||
Db      143 NNQIVNLKEKVAQLEA 159
```

RESULT 6
 US-60-490-890-2280
 : Sequence 2280, Application US/60490890
 : GENERAL INFORMATION:
 : APPLICANT: Li, Martha
 : APPLICANT: Rudnow, Brent A.
 : APPLICANT: Webster, Kevin R.
 : APPLICANT: Jackson, Donald
 : APPLICANT: Wong, Tai W.
 : TITLE OF INVENTION: BIOMARKERS OF CYCLIN-DEPENDENT
 : FILE REFERENCE: D0310 PSP
 : CURRENT APPLICATION NUMBER: US/60/490,890
 : CURRENT FILING DATE: 2003-07-29
 : NUMBER OF SEQ ID NOS: 2779
 : SOFTWARE: PatentIn version 3.2
 : SEQ ID NO 2280
 : LENGTH: 1236
 : TYPE: PRT
 : ORGANISM: Homo sapiens
 US-60-490-890-2280

Query Match	56.8%;	Score 46;	DB 7;	Length 1236;
Best Local Similarity	41.2%;	Pred. No. 32;		

Matches 7; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

Qy 1 NNOKIVLKEKVAQL 17
|:|:|:|:|:|:|:
Db 1084 NEAEVINMSEELAQLES 1100

RESULT 7

US-10-603-108-2980
; Sequence 2980, Application US/10603108
; GENERAL INFORMATION:
; APPLICANT: Gary L. Breton
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO MORAXELLA CATAR
; FILE REFERENCE: PATH03-14
; CURRENT APPLICATION NUMBER: US/10/603,108
; PRIOR FILING DATE: 2003-06-24
; PRIOR APPLICATION NUMBER: US 09/540,263
; PRIOR FILING DATE: 2000-04-04
; PRIOR APPLICATION NUMBER: US 60/125,416
; PRIOR FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 3840
; SEQ ID NO 2980
; LENGTH: 105
; TYPE: PRT
; ORGANISM: M.catarhalis
US-10-603-108-2980

Query Match 54.3%; Score 44; DB 6; Length 105;
Best Local Similarity 53.3%; Pred. No. 5.6;
Matches 8; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

Qy 1 NNOKIVLKEKVAQL 15
|:|:|:|:|:|:|:
Db 71 DNAAKITLKEKVAEL 85

RESULT 8

US-10-603-113-20654
; Sequence 20654, Application US/10603113
; GENERAL INFORMATION:
; APPLICANT: Keith Weinstein et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
; FILE REFERENCE: 107196,132
; CURRENT APPLICATION NUMBER: US/10/603,113
; PRIOR FILING DATE: 2003-06-24
; PRIOR APPLICATION NUMBER: US/09/248,796
; PRIOR FILING DATE: 1999-02-12
; NUMBER OF SEQ ID NOS: 28206
; SEQ ID NO 20654
; LENGTH: 1290
; TYPE: PRT
; ORGANISM: Candida albicans
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: (56), (60), (62), (65), (66), (109)
; OTHER INFORMATION: Identity of amino acid sequences at the above locations are unknd
US-10-603-113-20654

Query Match 54.3%; Score 44; DB 6; Length 1290;
Best Local Similarity 53.3%; Pred. No. 65;
Matches 8; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Qy 2 NOKIVLKEKVAQL 16
|:|:|:|:|:|:|:
Db 517 NARINIFEXKLAQIR 531

RESULT 9

US-10-408-765A-1945
; Sequence 1945, Application US/10408765A
; GENERAL INFORMATION:

; APPLICANT: Ghosh, Soumitra S.
; APPLICANT: Fahy, Boia D.
; APPLICANT: Zhang, Bing
; APPLICANT: Gibson, Bradford W.
; APPLICANT: Taylor, Steven W.
; APPLICANT: Glenn, Gary M.
; APPLICANT: Warnock, Dale E.
; TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
; FILE REFERENCE: 660088,465
; CURRENT APPLICATION NUMBER: US/10/408,765A
; PRIOR FILING DATE: 2003-04-04
; NUMBER OF SEQ ID NOS: 3077
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1945
; LENGTH: 600
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-408-765A-1945

Query Match 53.1%; Score 43; DB 6; Length 600;
Best Local Similarity 66.7%; Pred. No. 43;
Matches 8; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 4 KIVNLKEKVAQL 15
|:|:|:|:|:|:|:
Db 447 KVVNLKEKIKEL 458

RESULT 10

US-10-273-573-8412
; Sequence 8412, Application US/10273573
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc
; TITLE OF INVENTION: NOVEL MACROPHAGE NUCLEIC ACIDS AND POLYPEPTIDES
; FILE REFERENCE: 21272-066
; CURRENT APPLICATION NUMBER: US/10/273,573
; PRIOR FILING DATE: 2002-10-18
; PRIOR APPLICATION NUMBER: 09/522,929
; PRIOR FILING DATE: 2000-04-18
; PRIOR APPLICATION NUMBER: 09/770,160
; PRIOR FILING DATE: 2001-01-26
; NUMBER OF SEQ ID NOS: 10994
; SOFTWARE: Custom
; SEQ ID NO 8412
; LENGTH: 810
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: DOMAIN
; LOCATION: (180)..(212)
; OTHER INFORMATION: Bacterial-type phytoene dehydrogenase proteins domain
; OTHER INFORMATION: Identified by eMATRIX, accession number BL00982A, p-value=7.750e-
; OTHER INFORMATION: 17, raw score of 18.41
; NAME/KEY: DOMAIN
; LOCATION: (186)..(724)
; OTHER INFORMATION: Flavlin containing amine oxidase domain identified by Pfam,
; OTHER INFORMATION: accession name Amino_oxidase, E-value=3.2e-43, Pfam score of 157.
US-10-273-573-8412

Query Match 53.1%; Score 43; DB 6; Length 810;
Best Local Similarity 66.7%; Pred. No. 58;
Matches 8; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 4 KIVNLKEKVAQL 15
|:|:|:|:|:|:|:
Db 345 KVVNLKEKIKEL 356

RESULT 11

US-10-286-897-3441
; Sequence 3441, Application US/10286897

```
; GENERAL INFORMATION:
; APPLICANT: Hyseq Inc
; TITLE OF INVENTION: Novel Nucleic Acid and Polypeptides
; FILE REFERENCE: 784FLPCT
; CURRENT APPLICATION NUMBER: US/10/286,897
; PRIOR FILING DATE: 2002-11-01
; PRIOR APPLICATION NUMBER: US/09/488,725
; PRIOR FILING DATE: 2000-01-21
; PRIOR APPLICATION NUMBER: US/09/552,317
; PRIOR FILING DATE: 2000-04-25
; PRIOR APPLICATION NUMBER: US/09/598,042
; PRIOR FILING DATE: 2000-06-20
; PRIOR APPLICATION NUMBER: US/09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US/09/653,450
; PRIOR FILING DATE: 2000-08-31
; PRIOR APPLICATION NUMBER: US/09/662,191
; PRIOR FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: US/09/693,036
; PRIOR FILING DATE: 2000-10-19
; PRIOR APPLICATION NUMBER: US/09/727,344
; PRIOR FILING DATE: 2000-11-29
; NUMBER OF SEQ ID NOS: 7143
; SOFTWARE: pc_FL_genes_b Versions 1.0
; SEQ ID NO 3441
; LENGTH: 852
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-286-897-3441
```

```
Query Match          53.1%; Score 43; DB 6; Length 852;
Best Local Similarity 66.7%; Pred. No. 61;
Matches      8; Conservative      3; Mismatches      1; Indels      0; Gaps      0;
```

```
Qy      4 KIVNLKERVNQL 15
      :|:|||||:|
Db      447 KVVNLKKEIKEL 458
```

RESULT 12

```
US-10-258-898A-3441
; Sequence 3441, Application US/10258898A
; GENERAL INFORMATION:
; APPLICANT: Hyseq Inc
; TITLE OF INVENTION: Novel Nucleic Acid and Polypeptides
; FILE REFERENCE: 784FLPCT
; CURRENT APPLICATION NUMBER: US/10/258,898A
; PRIOR FILING DATE: 2002-10-29
; PRIOR APPLICATION NUMBER: US/09/488,725
; PRIOR FILING DATE: 2000-01-21
; PRIOR APPLICATION NUMBER: US09/552,317
; PRIOR FILING DATE: 2000-04-25
; PRIOR APPLICATION NUMBER: US09/598,042
; PRIOR FILING DATE: 2000-06-20
; PRIOR APPLICATION NUMBER: US09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US09/653,450
; PRIOR FILING DATE: 2000-08-31
; PRIOR APPLICATION NUMBER: US09/662,191
; PRIOR FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: US09/693,036
; PRIOR FILING DATE: 2000-10-19
; PRIOR APPLICATION NUMBER: US09/727,344
; PRIOR FILING DATE: 2000-11-29
; NUMBER OF SEQ ID NOS: 7143
; SOFTWARE: pc_FL_genes_b Versions 1.0
; SEQ ID NO 3441
; LENGTH: 852
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-258-898A-3441

Query Match          53.1%; Score 43; DB 6; Length 852;
```

```
Best Local Similarity 66.7%; Pred. No. 61;
Matches      8; Conservative      3; Mismatches      1; Indels      0; Gaps      0;
```

```
Qy      4 KIVNLKERVNQL 15
      :|:|||||:|
Db      447 KVVNLKKEIKEL 458
```

RESULT 13

```
US-10-286-897-3440
; Sequence 3440, Application US/10286897
; GENERAL INFORMATION:
; APPLICANT: Hyseq Inc
; TITLE OF INVENTION: Novel Nucleic Acid and Polypeptides
; FILE REFERENCE: 784FLPCT
; CURRENT APPLICATION NUMBER: US/10/286,897
; PRIOR FILING DATE: 2002-11-01
; PRIOR APPLICATION NUMBER: US/09/488,725
; PRIOR FILING DATE: 2000-01-21
; PRIOR APPLICATION NUMBER: US/09/552,317
; PRIOR FILING DATE: 2000-04-25
; PRIOR APPLICATION NUMBER: US/09/598,042
; PRIOR FILING DATE: 2000-06-20
; PRIOR APPLICATION NUMBER: US/09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US/09/653,450
; PRIOR FILING DATE: 2000-08-31
; PRIOR APPLICATION NUMBER: US/09/662,191
; PRIOR FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: US/09/693,036
; PRIOR FILING DATE: 2000-10-19
; PRIOR APPLICATION NUMBER: US/09/727,344
; PRIOR FILING DATE: 2000-11-29
; NUMBER OF SEQ ID NOS: 7143
; SOFTWARE: pc_FL_genes_b Versions 1.0
; SEQ ID NO 3440
; LENGTH: 872
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-286-897-3440
```

```
Query Match          53.1%; Score 43; DB 6; Length 872;
Best Local Similarity 66.7%; Pred. No. 62;
Matches      8; Conservative      3; Mismatches      1; Indels      0; Gaps      0;
```

```
Qy      4 KIVNLKERVNQL 15
      :|:|||||:|
Db      467 KVVNLKKEIKEL 478
```

RESULT 14

```
US-10-258-898A-3440
; Sequence 3440, Application US/10258898A
; GENERAL INFORMATION:
; APPLICANT: Hyseq Inc
; TITLE OF INVENTION: Novel Nucleic Acid and Polypeptides
; FILE REFERENCE: 784FLPCT
; CURRENT APPLICATION NUMBER: US/10/258,898A
; PRIOR FILING DATE: 2002-10-29
; PRIOR APPLICATION NUMBER: US/09/488,725
; PRIOR FILING DATE: 2000-01-21
; PRIOR APPLICATION NUMBER: US09/552,317
; PRIOR FILING DATE: 2000-04-25
; PRIOR APPLICATION NUMBER: US09/598,042
; PRIOR FILING DATE: 2000-06-20
; PRIOR APPLICATION NUMBER: US09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US09/653,450
; PRIOR FILING DATE: 2000-08-31
; PRIOR APPLICATION NUMBER: US09/662,191
; PRIOR FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: US09/693,036
; PRIOR FILING DATE: 2000-10-19
```


;; PRIOR APPLICATION NUMBER: US09/727,344
;; PRIOR FILING DATE: 2000-11-29
;; NUMBER OF SEQ ID NOS: 7143
;; SOFTWARE: pt FL_genes_b Versions 1.0
;; SEQ ID NO 3440
;; LENGTH: 872
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-10-258-898A-3440

Query Match 53.1%; Score 43; DB 6; Length 872;
Best Local Similarity 66.7%; Pred. No. 62;
Matches 8; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 4 KIVNLEKKAQL 15
|:|||||:|
Db 467 KVVNLEKIKEL 478

RESULT 15
US-10-286-897-7012
; Sequence 7012, Application US/10286897
; GENERAL INFORMATION:
; APPLICANT: Hyseq Inc
; TITLE OF INVENTION: Novel Nucleic Acid and Polypeptides
; FILE REFERENCE: 784FLPCT
; CURRENT APPLICATION NUMBER: US/10/286,897
; CURRENT FILING DATE: 2002-11-01
; PRIOR APPLICATION NUMBER: US/09/488,725
; PRIOR FILING DATE: 2000-01-21
; PRIOR APPLICATION NUMBER: US/09/552,317
; PRIOR FILING DATE: 2000-04-25
; PRIOR APPLICATION NUMBER: US/09/598,042
; PRIOR FILING DATE: 2000-06-20
; PRIOR APPLICATION NUMBER: US/09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US/09/653,450
; PRIOR FILING DATE: 2000-08-31
; PRIOR APPLICATION NUMBER: US/09/662,191
; PRIOR FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: US/09/693,036
; PRIOR FILING DATE: 2000-10-19
; PRIOR APPLICATION NUMBER: US/09/727,344
; PRIOR FILING DATE: 2000-11-29
; NUMBER OF SEQ ID NOS: 7143
; SOFTWARE: pt FL_genes_b Versions 1.0
; SEQ ID NO 7012
; LENGTH: 886
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-286-897-7012

Query Match 53.1%; Score 43; DB 6; Length 886;
Best Local Similarity 66.7%; Pred. No. 63;
Matches 8; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 4 KIVNLEKKAQL 15
|:|||||:|
Db 461 KVVNLEKIKEL 492

Search completed: August 26, 2003, 09:26:04
Job time : 23 secs

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OM protein - protein search, using sw model

Run on: August 26, 2003, 09:15:39 ; Search time 378 Seconds
(without alignments)
39.143 Million cell updates/sec

Title: US-09-912-741B-2
Perfect score: 81
Sequence: 1 NNQKIVLKEKVAQLA 17

Scoring table: BLOSUM62
Gap 10.0, Gapext 0.5

Searched: 5580241 seqs, 870357830 residues

Total number of hits satisfying chosen parameters: 5580241

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Pending_Patents_AA_Main:*

1: /cgn2_6/ptodata/1/paa/US087_COMB.pep.*
2: /cgn2_6/ptodata/1/paa/US086_COMB.pep.*
3: /cgn2_6/ptodata/1/paa/US087_COMB.pep.*
4: /cgn2_6/ptodata/1/paa/US081_COMB.pep.*
5: /cgn2_6/ptodata/1/paa/US082_COMB.pep.*
6: /cgn2_6/ptodata/1/paa/US083_COMB.pep.*
7: /cgn2_6/ptodata/1/paa/US084_COMB.pep.*
8: /cgn2_6/ptodata/1/paa/US085_COMB.pep.*
9: /cgn2_6/ptodata/1/paa/US086_COMB.pep.*
10: /cgn2_6/ptodata/1/paa/US087_COMB.pep.*
11: /cgn2_6/ptodata/1/paa/US088_COMB.pep.*
12: /cgn2_6/ptodata/1/paa/US089_COMB.pep.*
13: /cgn2_6/ptodata/1/paa/US090_COMB.pep.*
14: /cgn2_6/ptodata/1/paa/US091_COMB.pep.*
15: /cgn2_6/ptodata/1/paa/US092_COMB.pep.*
16: /cgn2_6/ptodata/1/paa/US093_COMB.pep.*
17: /cgn2_6/ptodata/1/paa/US094_COMB.pep.*
18: /cgn2_6/ptodata/1/paa/US095_COMB.pep.*
19: /cgn2_6/ptodata/1/paa/US096_COMB.pep.*
20: /cgn2_6/ptodata/1/paa/US097_COMB.pep.*
21: /cgn2_6/ptodata/1/paa/US098_COMB.pep.*
22: /cgn2_6/ptodata/1/paa/US099_COMB.pep.*
23: /cgn2_6/ptodata/1/paa/US100_COMB.pep.*
24: /cgn2_6/ptodata/1/paa/US101_COMB.pep.*
25: /cgn2_6/ptodata/1/paa/US102_COMB.pep.*
26: /cgn2_6/ptodata/1/paa/US103_COMB.pep.*
27: /cgn2_6/ptodata/1/paa/US104_COMB.pep.*
28: /cgn2_6/ptodata/1/paa/US105_COMB.pep.*
29: /cgn2_6/ptodata/1/paa/US106_COMB.pep.*
30: /cgn2_6/ptodata/1/paa/US107_COMB.pep.*
31: /cgn2_6/ptodata/1/paa/US108_COMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	81	100.0	17	US-09-912-740A-2	Sequence 2, Appli
2	81	100.0	17	US-09-912-741A-2	Sequence 2, Appli

3 81 100.0 17 24 US-09-912-741B-2 Sequence 2, Appli
4 81 100.0 18 24 US-09-912-740A-3 Sequence 3, Appli
5 81 100.0 18 24 US-09-912-741A-3 Sequence 3, Appli
6 81 100.0 18 24 US-09-912-741B-3 Sequence 3, Appli
7 81 100.0 20 20 US-09-664-025-16 Sequence 15, Appli
8 81 100.0 20 20 US-09-664-945-16 Sequence 16, Appli
9 81 100.0 20 24 US-09-912-740A-4 Sequence 4, Appli
10 81 100.0 20 24 US-09-912-741A-4 Sequence 4, Appli
11 81 100.0 20 24 US-09-912-741B-4 Sequence 4, Appli
12 81 100.0 27 20 US-09-664-925-77 Sequence 77, Appli
13 81 100.0 27 20 US-09-664-945-77 Sequence 77, Appli
14 81 100.0 100 30 US-10-424-599-161283 Sequence 161283,
15 81 100.0 117 21 US-09-724-676-74594 Sequence 74594, A
16 81 100.0 117 21 US-09-724-676A-74594 Sequence 13228, A
17 81 100.0 179 31 US-09-453-050-13228 Sequence 13228, A
18 81 100.0 179 31 US-09-453-135-13228 Sequence 13228, A
19 81 100.0 179 31 US-09-455-444-7080 Sequence 7080, Ap
20 81 100.0 179 31 US-09-465-241-7080 Sequence 7080, Ap
21 81 100.0 195 21 US-09-466-412-13228 Sequence 13228, A
22 81 100.0 195 21 US-09-724-676-74592 Sequence 74592, A
23 81 100.0 195 21 US-09-724-676A-74592 Sequence 74592, A
24 81 100.0 206 21 US-09-724-676-74582 Sequence 74582, A
25 81 100.0 206 21 US-09-724-676A-74582 Sequence 74582, A
26 81 100.0 212 22 US-09-791-537-50177 Sequence 50177, A
27 81 100.0 267 21 US-09-724-676-74598 Sequence 74598, A
28 81 100.0 267 21 US-09-724-676A-74598 Sequence 74598, A
29 81 100.0 284 21 US-09-724-676-74581 Sequence 74581, A
30 81 100.0 284 21 US-09-724-676A-74581 Sequence 74581, A
31 81 100.0 299 21 US-09-724-676-74591 Sequence 74591, A
32 81 100.0 299 21 US-09-724-676A-74591 Sequence 74591, A
33 81 100.0 316 21 US-09-724-676-74596 Sequence 74596, A
34 81 100.0 316 21 US-09-724-676A-74596 Sequence 74596, A
35 81 100.0 319 22 US-09-791-537-86500 Sequence 86500, A
36 81 100.0 348 21 US-09-724-676-74590 Sequence 74590, A
37 81 100.0 348 21 US-09-724-676A-74590 Sequence 74590, A
38 81 100.0 388 21 US-09-724-676-74580 Sequence 74580, A
39 81 100.0 388 21 US-09-724-676A-74580 Sequence 74580, A
40 81 100.0 410 22 US-09-791-537-60205 Sequence 60205, A
41 81 100.0 411 24 US-09-912-740A-1 Sequence 1, Appli
42 81 100.0 411 24 US-09-912-741A-1 Sequence 1, Appli
43 81 100.0 411 24 US-09-912-741B-1 Sequence 1, Appli
44 81 100.0 437 21 US-09-912-741A-2 Sequence 2, Appli
45 81 100.0 437 21 US-09-912-741B-2 Sequence 2, Appli

ALIGNMENTS

RESULT 1
US-09-912-740A-2
Sequence 2, Application US/09912740A
GENERAL INFORMATION:
APPLICANT: Altieri, Dario C
APPLICANT: Langino, Lucia R
APPLICANT: Thornton, George B
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITING
TITLE OF INVENTION: ENDOTHELIAL CELL AND FIBRINOGEN MEDIATED INFLAMMATION
FILE REFERENCE: 300, IDIV3
CURRENT APPLICATION NUMBER: US/09/912, 740A
CURRENT FILING DATE: 2002-05-07
PRIOR APPLICATION NUMBER: US 09/347, 877
PRIOR FILING DATE: 1999-07-06
PRIOR APPLICATION NUMBER: US 08/748, 150
PRIOR FILING DATE: 1996-11-12
PRIOR APPLICATION NUMBER: US 08/232, 532
PRIOR FILING DATE: 1994-04-25
PRIOR APPLICATION NUMBER: US 08/139, 562
PRIOR FILING DATE: 1993-10-19
PRIOR APPLICATION NUMBER: US 07/898, 117
PRIOR FILING DATE: 1992-06-12
NUMBER OF SEQ ID NOS: 5
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 2

LENGTH: 17
TYPE: PRT
ORGANISM: Unknown
FEATURE:
OTHER INFORMATION: synthesized
US-09-912-740A-2

Query Match 100.0%; Score 81; DB 24; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.9e-06;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 NNOKIVNKEKVAQLEA 17
|||||
Db 1 NNOKIVNKEKVAQLEA 17

RESULT 2
US-09-912-741A-2
Sequence 2, Application US/09912741A
GENERAL INFORMATION:
APPLICANT: Altieri, Dario C
APPLICANT: Langino, Lucia R
APPLICANT: Thornton, George B
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITING
TITLE OF INVENTION: ENDOTHELIAL CELL AND FIBRINOGEN MEDIATED INFLAMMATION
FILE REFERENCE: 300.1D1V4
CURRENT APPLICATION NUMBER: US/09/912,741A
CURRENT FILING DATE: 2001-07-24
PRIOR APPLICATION NUMBER: US 09/347,877
PRIOR FILING DATE: 1999-07-06
PRIOR APPLICATION NUMBER: US 08/748,150
PRIOR FILING DATE: 1996-11-12
PRIOR APPLICATION NUMBER: US 08/232,532
PRIOR FILING DATE: 1994-04-25
PRIOR APPLICATION NUMBER: US 08/139,562
PRIOR FILING DATE: 1993-10-19
PRIOR APPLICATION NUMBER: US 07/898,117
PRIOR FILING DATE: 1992-06-12
NUMBER OF SEQ ID NOS: 5
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 2
LENGTH: 17
TYPE: PRT
ORGANISM: Unknown
FEATURE:
OTHER INFORMATION: synthesized
US-09-912-741A-2

Query Match 100.0%; Score 81; DB 24; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.9e-06;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 NNOKIVNKEKVAQLEA 17
|||||
Db 1 NNOKIVNKEKVAQLEA 17

RESULT 3
US-09-912-741B-2
Sequence 2, Application US/09912741B
GENERAL INFORMATION:
APPLICANT: Altieri, Dario C
APPLICANT: Langino, Lucia R
APPLICANT: Thornton, George B
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITING
TITLE OF INVENTION: ENDOTHELIAL CELL AND FIBRINOGEN MEDIATED INFLAMMATION
FILE REFERENCE: 300.1D1V4
CURRENT APPLICATION NUMBER: US/09/912,741B
CURRENT FILING DATE: 2001-07-24
PRIOR APPLICATION NUMBER: US 09/347,877
PRIOR FILING DATE: 1999-07-06
PRIOR APPLICATION NUMBER: US 08/748,150
PRIOR FILING DATE: 1996-11-12

PRIOR APPLICATION NUMBER: US 08/232,532
PRIOR FILING DATE: 1994-04-25
PRIOR APPLICATION NUMBER: US 08/139,562
PRIOR FILING DATE: 1993-10-19
PRIOR APPLICATION NUMBER: US 07/898,117
PRIOR FILING DATE: 1992-06-12
NUMBER OF SEQ ID NOS: 5
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 2
LENGTH: 17
TYPE: PRT
ORGANISM: Unknown
FEATURE:
OTHER INFORMATION: synthesized
US-09-912-741B-2

Query Match 100.0%; Score 81; DB 24; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.9e-06;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 NNOKIVNKEKVAQLEA 17
|||||
Db 1 NNOKIVNKEKVAQLEA 17

RESULT 4
US-09-912-740A-3
Sequence 3, Application US/09912740A
GENERAL INFORMATION:
APPLICANT: Altieri, Dario C
APPLICANT: Langino, Lucia R
APPLICANT: Thornton, George B
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITING
TITLE OF INVENTION: ENDOTHELIAL CELL AND FIBRINOGEN MEDIATED INFLAMMATION
FILE REFERENCE: 300.1D1V3
CURRENT APPLICATION NUMBER: US/09/912,740A
CURRENT FILING DATE: 2002-05-07
PRIOR APPLICATION NUMBER: US 09/347,877
PRIOR FILING DATE: 1999-07-06
PRIOR APPLICATION NUMBER: US 08/748,150
PRIOR FILING DATE: 1996-11-12
PRIOR APPLICATION NUMBER: US 08/232,532
PRIOR FILING DATE: 1994-04-25
PRIOR APPLICATION NUMBER: US 08/139,562
PRIOR FILING DATE: 1993-10-19
PRIOR APPLICATION NUMBER: US 07/898,117
PRIOR FILING DATE: 1992-06-12
NUMBER OF SEQ ID NOS: 5
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 3
LENGTH: 18
TYPE: PRT
ORGANISM: Unknown
FEATURE:
OTHER INFORMATION: synthesized
US-09-912-740A-3

Query Match 100.0%; Score 81; DB 24; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.3e-06;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 NNOKIVNKEKVAQLEA 17
|||||
Db 1 NNOKIVNKEKVAQLEA 17

RESULT 5
US-09-912-741A-3
Sequence 3, Application US/09912741A
GENERAL INFORMATION:
APPLICANT: Altieri, Dario C
APPLICANT: Langino, Lucia R
APPLICANT: Thornton, George B

```

; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITING
; TITLE OF INVENTION: ENDOTHELIAL CELL AND FIBRINOGEN MEDIATED INFLAMMATION
; FILE REFERENCE: 300.1D1v4
; CURRENT APPLICATION NUMBER: US/09/912,741A
; PRIOR FILING DATE: 2001-07-24
; PRIOR APPLICATION NUMBER: US 09/347,877
; PRIOR FILING DATE: 1999-07-06
; PRIOR APPLICATION NUMBER: US 08/748,150
; PRIOR FILING DATE: 1996-11-12
; PRIOR APPLICATION NUMBER: US 08/232,532
; PRIOR FILING DATE: 1994-04-25
; PRIOR APPLICATION NUMBER: US 08/139,562
; PRIOR FILING DATE: 1993-10-19
; PRIOR APPLICATION NUMBER: US 07/898,117
; PRIOR FILING DATE: 1992-06-12
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 18
; TYPE: PRT
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Synthesized
; US-09-912-741b-3

Query Match          100.0%; Score 81; DB 24; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.3e-06;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 1 NNOKIVNLKERVAAOLEA 17
   |||||
Db 1 NNOKIVNLKERVAAOLEA 17

RESULT 6
US-09-912-741b-3
; Sequence 3, Application US/09912741B
; GENERAL INFORMATION:
; APPLICANT: Altieri, Dario C
; APPLICANT: Langino, Lucia R
; APPLICANT: Thornton, George B
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITING
; FILE REFERENCE: 300.1D1v4
; CURRENT APPLICATION NUMBER: US/09/912,741B
; PRIOR FILING DATE: 2001-07-24
; PRIOR APPLICATION NUMBER: US 09/347,877
; PRIOR FILING DATE: 1999-07-06
; PRIOR APPLICATION NUMBER: US 08/748,150
; PRIOR FILING DATE: 1996-11-12
; PRIOR APPLICATION NUMBER: US 08/232,532
; PRIOR FILING DATE: 1994-04-25
; PRIOR APPLICATION NUMBER: US 08/139,562
; PRIOR FILING DATE: 1993-10-19
; PRIOR APPLICATION NUMBER: US 07/898,117
; PRIOR FILING DATE: 1992-06-12
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 18
; TYPE: PRT
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Synthesized
; US-09-912-741b-3

Query Match          100.0%; Score 81; DB 24; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.3e-06;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 1 NNOKIVNLKERVAAOLEA 17
   |||||
Db 1 NNOKIVNLKERVAAOLEA 17
```

```

; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITING
; TITLE OF INVENTION: ENDOTHELIAL CELL AND FIBRINOGEN MEDIATED INFLAMMATION
; FILE REFERENCE: 300.1D1v4
; CURRENT APPLICATION NUMBER: US/09/912,741A
; PRIOR FILING DATE: 2001-07-24
; PRIOR APPLICATION NUMBER: US 09/347,877
; PRIOR FILING DATE: 1999-07-06
; PRIOR APPLICATION NUMBER: US 08/748,150
; PRIOR FILING DATE: 1996-11-12
; PRIOR APPLICATION NUMBER: US 08/232,532
; PRIOR FILING DATE: 1994-04-25
; PRIOR APPLICATION NUMBER: US 08/139,562
; PRIOR FILING DATE: 1993-10-19
; PRIOR APPLICATION NUMBER: US 07/898,117
; PRIOR FILING DATE: 1992-06-12
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 18
; TYPE: PRT
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Synthesized
; US-09-912-741b-3

Query Match          100.0%; Score 81; DB 24; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.3e-06;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 1 NNOKIVNLKERVAAOLEA 17
   |||||
Db 1 NNOKIVNLKERVAAOLEA 17

RESULT 7
US-09-664-025-16
; Sequence 16, Application US/09664025
; GENERAL INFORMATION:
; APPLICANT: Matti Sallberg
; TITLE OF INVENTION: LIGAND/RECEPTOR SPECIFICITY EXCHANGERS
; TITLE OF INVENTION: THAT REDIRECT ANTIBODIES TO RECEPTORS ON A PATHOGEN
; FILE REFERENCE: TRIPED.022AUS
; CURRENT APPLICATION NUMBER: US/09/664,025
; PRIOR FILING DATE: 2000-09-19
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 20
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Specificity domain peptide
; US-09-664-025-16

Query Match          100.0%; Score 81; DB 20; Length 20;
Best Local Similarity 100.0%; Pred. No. 6e-06;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 1 NNOKIVNLKERVAAOLEA 17
   |||||
Db 3 NNOKIVNLKERVAAOLEA 19

RESULT 8
US-09-664-945-16
; Sequence 16, Application US/09664945
; GENERAL INFORMATION:
; APPLICANT: Matti Sallberg
; TITLE OF INVENTION: LIGAND/RECEPTOR SPECIFICITY EXCHANGERS
; TITLE OF INVENTION: THAT REDIRECT ANTIBODIES TO RECEPTORS ON A PATHOGEN
; FILE REFERENCE: TRIPED.007CP3
; CURRENT APPLICATION NUMBER: US/09/664,945
; PRIOR FILING DATE: 2000-09-19
; PRIOR APPLICATION NUMBER: 09/532,106
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 09/246,258
; PRIOR FILING DATE: 1999-02-08
; PRIOR APPLICATION NUMBER: 08/737,085
; PRIOR FILING DATE: 1996-12-27
; PRIOR APPLICATION NUMBER: SB 9401460
; PRIOR FILING DATE: 1994-04-28
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 20
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Specificity domain peptide
; US-09-664-945-16

Query Match          100.0%; Score 81; DB 20; Length 20;
Best Local Similarity 100.0%; Pred. No. 6e-06;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 1 NNOKIVNLKERVAAOLEA 17
   |||||
Db 3 NNOKIVNLKERVAAOLEA 19

RESULT 9
US-09-912-740A-4
; Sequence 4, Application US/09912740A
; GENERAL INFORMATION:
; APPLICANT: Altieri, Dario C
```

```
/ APPLICANT: Languiño, Lucia R
/ APPLICANT: Thornton, George B
/ TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITING
/ TITLE OF INVENTION: ENDOTHELIAL CELL AND FIBRINOGEN MEDIATED INFLAMMATION
/ FILE REFERENCE: 300.1D1V3
/ CURRENT APPLICATION NUMBER: US/09/912,740A
/ PRIOR FILING DATE: 2002-05-07
/ PRIOR APPLICATION NUMBER: US 09/347,877
/ PRIOR FILING DATE: 1999-07-06
/ PRIOR APPLICATION NUMBER: US 08/748,150
/ PRIOR FILING DATE: 1996-11-12
/ PRIOR APPLICATION NUMBER: US 08/232,532
/ PRIOR FILING DATE: 1994-04-25
/ PRIOR APPLICATION NUMBER: US 08/139,562
/ PRIOR FILING DATE: 1993-10-19
/ PRIOR APPLICATION NUMBER: US 07/898,117
/ PRIOR FILING DATE: 1992-06-12
/ NUMBER OF SEQ ID NOS: 5
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 4
/ LENGTH: 20
/ TYPE: PRT
/ ORGANISM: Unknown
/ FEATURE:
/ OTHER INFORMATION: synthesized
US-09-912-740A-4
```

```
Query Match          100.0%; Score 81; DB 24; Length 20;
Best Local Similarity 100.0%; Pred. No. 6e-06;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      1 NNOKIVNLKEKVAQLEA 17
        |||||
Db      4 NNOKIVNLKEKVAQLEA 20
```

```
RESULT 10
US-09-912-741A-4
/ Sequence 4, Application US/09912741A
/ GENERAL INFORMATION:
/ APPLICANT: Altieri, Dario C
/ APPLICANT: Languiño, Lucia R
/ APPLICANT: Thornton, George B
/ TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITING
/ TITLE OF INVENTION: ENDOTHELIAL CELL AND FIBRINOGEN MEDIATED INFLAMMATION
/ FILE REFERENCE: 300.1D1V4
/ CURRENT APPLICATION NUMBER: US/09/912,741A
/ CURRENT FILING DATE: 2001-07-24
/ PRIOR APPLICATION NUMBER: US 09/347,877
/ PRIOR FILING DATE: 1999-07-06
/ PRIOR APPLICATION NUMBER: US 08/748,150
/ PRIOR FILING DATE: 1996-11-12
/ PRIOR APPLICATION NUMBER: US 08/232,532
/ PRIOR FILING DATE: 1994-04-25
/ PRIOR APPLICATION NUMBER: US 08/139,562
/ PRIOR FILING DATE: 1993-10-19
/ PRIOR APPLICATION NUMBER: US 07/898,117
/ PRIOR FILING DATE: 1992-06-12
/ NUMBER OF SEQ ID NOS: 5
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 4
/ LENGTH: 20
/ TYPE: PRT
/ ORGANISM: Unknown
/ FEATURE:
/ OTHER INFORMATION: synthesized
US-09-912-741A-4
```

```
Query Match          100.0%; Score 81; DB 24; Length 20;
Best Local Similarity 100.0%; Pred. No. 6e-06;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      1 NNOKIVNLKEKVAQLEA 17
```

```
Db      4 NNOKIVNLKEKVAQLEA 20
        |||||
```

```
RESULT 11
US-09-912-741B-4
/ Sequence 4, Application US/09912741B
/ GENERAL INFORMATION:
/ APPLICANT: Altieri, Dario C
/ APPLICANT: Languiño, Lucia R
/ APPLICANT: Thornton, George B
/ TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITING
/ TITLE OF INVENTION: ENDOTHELIAL CELL AND FIBRINOGEN MEDIATED INFLAMMATION
/ FILE REFERENCE: 300.1D1V4
/ CURRENT APPLICATION NUMBER: US/09/912,741B
/ CURRENT FILING DATE: 2001-07-24
/ PRIOR APPLICATION NUMBER: US 09/347,877
/ PRIOR FILING DATE: 1999-07-06
/ PRIOR APPLICATION NUMBER: US 08/748,150
/ PRIOR FILING DATE: 1996-11-12
/ PRIOR APPLICATION NUMBER: US 08/232,532
/ PRIOR FILING DATE: 1994-04-25
/ PRIOR APPLICATION NUMBER: US 08/139,562
/ PRIOR FILING DATE: 1993-10-19
/ PRIOR APPLICATION NUMBER: US 07/898,117
/ PRIOR FILING DATE: 1992-06-12
/ NUMBER OF SEQ ID NOS: 5
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 4
/ LENGTH: 20
/ TYPE: PRT
/ ORGANISM: Unknown
/ FEATURE:
/ OTHER INFORMATION: synthesized
US-09-912-741B-4
```

```
Query Match          100.0%; Score 81; DB 24; Length 20;
Best Local Similarity 100.0%; Pred. No. 6e-06;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      1 NNOKIVNLKEKVAQLEA 17
        |||||
Db      4 NNOKIVNLKEKVAQLEA 20
```

```
RESULT 12
US-09-664-025-77
/ Sequence 77, Application US/09664025
/ GENERAL INFORMATION:
/ APPLICANT: Matli Saliberg
/ TITLE OF INVENTION: LIGAND/RECEPTOR SPECIFICITY EXCHANGERS
/ TITLE OF INVENTION: THAT REDIRECT ANTIBODIES TO RECEPTORS ON A PATHOGEN
/ FILE REFERENCE: TRIPREP.022AUS
/ CURRENT APPLICATION NUMBER: US/09/664,025
/ CURRENT FILING DATE: 2000-09-19
/ NUMBER OF SEQ ID NOS: 105
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 77
/ LENGTH: 27
/ TYPE: PRT
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Ligand/Receptor specificity exchanger peptide
US-09-664-025-77
```

```
Query Match          100.0%; Score 81; DB 20; Length 27;
Best Local Similarity 100.0%; Pred. No. 8.9e-06;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      1 NNOKIVNLKEKVAQLEA 17
        |||||
Db      3 NNOKIVNLKEKVAQLEA 19
```

RESULT 13
US-09-664-945-77
; Sequence 77, Application US/09664945
; GENERAL INFORMATION:
; APPLICANT: Malti Salberg
; TITLE OF INVENTION: LIGAND/RECEPTOR SPECIFICITY EXCHANGERS
; FILE REFERENCE: THAT REDIRECT ANTIBODIES TO RECEPTORS ON A PATHOGEN
; CURRENT APPLICATION NUMBER: US/09/664,945
; PRIOR FILING DATE: 2000-03-19
; PRIOR APPLICATION NUMBER: 09/532,106
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 09/246,258
; PRIOR FILING DATE: 1999-02-08
; PRIOR APPLICATION NUMBER: 08/737,085
; PRIOR FILING DATE: 1996-12-27
; PRIOR APPLICATION NUMBER: SR 9401460
; PRIOR FILING DATE: 1994-04-28
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 77
; LENGTH: 27
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Ligand/Receptor specificity exchanger peptide
US-09-664-945-77

Query Match 100.0%; Score 81; DB 20; Length 27;
Best Local Similarity 100.0%; Pred. No. 8.9e-06;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NNOKIVNLKEKVAQLEA 17
|||
Db 3 NNOKIVNLKEKVAQLEA 19

RESULT 14
US-10-424-599-161283
; Sequence 161283, Application US/10424599
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 161283
; LENGTH: 100
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_116657C.1.pep
US-10-424-599-161283

Query Match 100.0%; Score 81; DB 30; Length 100;
Best Local Similarity 100.0%; Pred. No. 4.8e-05;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NNOKIVNLKEKVAQLEA 17
|||
Db 18 NNOKIVNLKEKVAQLEA 34

RESULT 15
US-09-724-676-74594
; Sequence 74594, Application US/09724676
; GENERAL INFORMATION:

; APPLICANT: Compugen LTD
; TITLE OF INVENTION: Variants of alternative splicing
; FILE REFERENCE: 129181.4 Compugen
; CURRENT APPLICATION NUMBER: US/09/724,676
; NUMBER OF SEQ ID NOS: 97222
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 74594
; LENGTH: 117
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-724-676-74594

Query Match 100.0%; Score 81; DB 21; Length 117;
Best Local Similarity 100.0%; Pred. No. 5.9e-05;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NNOKIVNLKEKVAQLEA 17
|||
Db 54 NNOKIVNLKEKVAQLEA 70

Search completed: August 26, 2003, 09:25:34
Job time : 378 secs

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